

● EUROPEAN PATENT OFFICE

Patent Abstracts of Japan

PUBLICATION NUMBER : 10149763
PUBLICATION DATE : 02-06-98

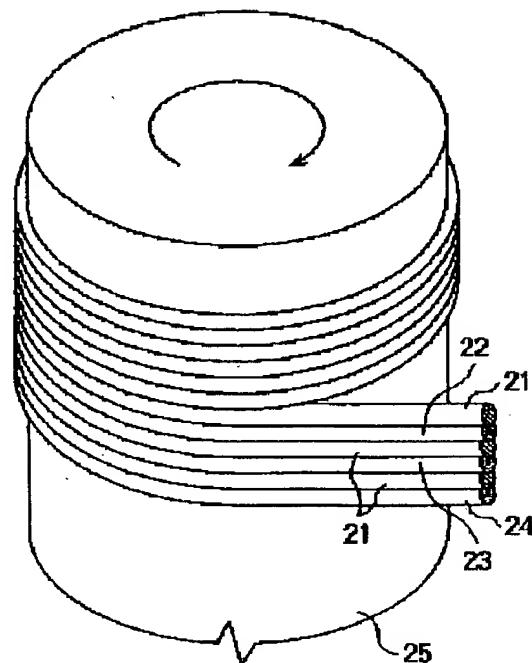
APPLICATION DATE : 18-11-96
APPLICATION NUMBER : 08306476

APPLICANT : DAINIPPON PRINTING CO LTD;

INVENTOR : ASANO MASAAKI;

INT.CL. : H01J 9/02

TITLE : MANUFACTURE OF PLASMA DISPLAY
PANEL MEMBER



ABSTRACT : PROBLEM TO BE SOLVED: To simplify the process and lower the cost.

SOLUTION: Using strings 21 for a barrier made of glass fiber and three-types of strings 22, 23, 24 for phosphor bodies produced by applying three-types of phosphor pastes emitting red, green-, and blue-color luminescence, respectively, to respective surroundings of strings made of resin to be burnt up by heating, barriers and phosphor bodies are formed on a substrate by orderly arranging the three-types of strings 22, 23, 24 for phosphor bodies while sandwiching the strings 21 for a barrier between neighboring strings 22, 23, 24, winding these strings on a cylindrical body 25, applying resin coating to the resultant strings to fix the strings one another, forming a sheet-like material by cutting and spreading the fixed and united respective strings in the axial line direction of the cylindrical body, sticking the obtained sheet-like material to a substrate, and firing the substrate to form barriers and phosphor bodies on the substrate. In this way, a plasma display panel member can be manufactured by easy processes of cutting and spreading the strings wound on the cylindrical body, sticking the sheet-like material to a substrate, and firing the substrate.

COPYRIGHT: (C)1998,JPO

BEST AVAILABLE COPY